

CHAPTER Env-A 1900 INCINERATORS AND WOOD WASTE BURNERS

Statutory Authority: RSA 125-C:4; RSA 125-C:6, II and XIV; RSA 125-C:11, I; RSA 125-C:12, IV

PART Env-A 1901 PURPOSE

Env-A 1901.01 Purpose. The purpose of this chapter is to regulate the operation and modification of new and existing incinerators and wood waste burners.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201); ss by #8294, eff 2-26-05

PART Env-A 1902 APPLICABILITY, EXEMPTIONS, AND REFERENCES

Env-A 1902.01 Applicability.

(a) Except as provided in (b), below, this chapter shall apply to the owner or operator of:

- (1) An incinerator required to obtain a permit pursuant to Env-A 607.01, Env-A 608.01, or Env-A 609.01; or
- (2) A wood waste burner.

(b) This chapter shall not apply to the owner or operator of:

- (1) An incinerator combusting hazardous waste subject to 40 CFR 264, Subpart O, including all revisions and amendments through April 1, 1983;
- (2) An incinerator subject to 40 CFR 60, Subpart E;
- (3) A municipal waste combustor subject to 40 CFR 60, Subpart Ea or 40 CFR 60, Subpart Eb; or
- (4) An incinerator combusting sewage sludge subject to 40 CFR 60, Subpart O.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201); ss by #8294, eff 2-26-05

Env-A 1902.02 Exemptions.

(a) The owner or operator of a municipal wood waste burner shall be exempt from other provisions of Env-A 1900 provided that the owner or operator complies with the provision established for incinerators as specified in Env-A 1903.01(a) and Env-A 1904.01, below.

(b) The owner or operator of the following types of incinerators shall comply with the requirements of Env-A 1905.01 but shall be exempt from all other provisions of this chapter:

- (1) A municipal waste combustor subject to 40 CFR 60, Subpart BBBBB as incorporated in Env-A 3300;
- (2) A commercial and industrial solid waste incinerator subject to 40 CFR 60, Subpart DDDD as incorporated in Env-A 3400; or
- (3) A hospital/medical/infectious waste incinerator subject to 40 CFR 60, Subpart Ec as incorporated in Env-A 3500.

Source. #8294, eff 2-26-05

Env-A 1902.03 References. For the purpose of this chapter, unless otherwise specified, the July 1, 2004 edition of title 40 of the Code of Federal Regulations (CFR) shall control all references to 40 CFR 264.

Source. #8294, eff 2-26-05

PART Env-A 1903 VISIBLE EMISSION STANDARD FOR INCINERATORS AND WOOD WASTE BURNERS

Env-A 1903.01 Visible Emission Standard for Incinerators and Wood Waste Burners.

(a) For incinerators, the owner or operator shall not allow average visible emissions to exceed 20 percent (%) opacity for any continuous 6-minute period, except for one period of 6 continuous minutes in any 60-minute period during startup, shutdown, or malfunction.

(b) For wood waste burners, the owner or operator shall not allow average visible emissions to exceed 40% opacity for any continuous 6-minute period, except for one period of 6 continuous minutes in any 60-minute period during startup, shutdown, or malfunction.

(c) Opacity shall be determined in accordance with Env-A 807.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201); ss by #8294, eff 2-26-05

PART Env-A 1904 PARTICULATE MATTER EMISSION STANDARDS FOR INCINERATORS AND WOOD WASTE BURNERS

Env-A 1904.01 Particulate Matter Emission Standards for Incinerators.

(a) For an incinerator with an input capacity of less than or equal to 90.72 kilograms per hour (kg/hr) (200 pounds per hour (lb/hr)), the owner or operator shall not allow the incinerator to emit more than 0.675 grams per dry standard cubic meter (g/dscm) (0.3 grains per standard cubic foot (grains/scf)) of dry flue gas corrected to 12% of carbon dioxide (CO<sub>2</sub>), without the contribution of CO<sub>2</sub> from auxiliary fuel in accordance with Env-A 802.02.

(b) Except as provided in (c), below, for an incinerator with an input capacity of greater than 90.72 kg/hr (200 lb/hr), the owner or operator shall not allow the incinerator to emit more than 0.45 g/dscm (0.2 grains/scf), of dry flue gas corrected to 12% CO<sub>2</sub>, without the contribution of CO<sub>2</sub> from auxiliary fuel in accordance with Env-A 802.02.

(c) For an incinerator installed after August 17, 1971 with an input capacity of greater than or equal to 1,875 kg/hr (4,134 lb/hr), the incinerator shall comply with the requirements of 40 CFR 60, Subpart E rather than the requirement specified in (b), above.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201); ss by #8294, eff 2-26-05

Env-A 1904.02 Particulate Matter Emission Standards for Wood Waste Burners. For wood waste burners, the owner or operator shall not allow particulate matter to be discharged into the ambient air from any waste burner which exceeds 0.675 g/dscm, (0.3 grains/ ft<sup>3</sup>), of dry flue gas corrected to 12% CO<sub>2</sub>, without contribution of CO<sub>2</sub> from an auxiliary fuel in accordance with Env-A 802.02.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201); ss by #8294, eff 2-26-05 (from Env-A 1904.04)

PART Env-A 1905 HYDROGEN CHLORIDE EMISSION STANDARDS FOR INCINERATORS

Env-A 1905.01 Hydrogen Chloride (HCl) Emission Standards for Incinerators.

(a) For installations completed on or after January 1, 1986, the owner or operator shall comply with the HCl emission standards in (c), below, if:

- (1) The incinerator module has a design throughput capacity of greater than or equal to 4,000 lb/hr (48 tons per day (tons/day));
- (2) The incinerator facility consists of multiple modules, having an aggregate design throughput of greater than or equal to 8,333 lb/hr (100 tons/day); and
- (3) The incinerator burns Type 5 or 6 waste, regardless of size.

(b) For installations completed prior to January 1, 1986, the owner or operator shall comply with the HCl emission standards in (c), below, if:

- (1) The incinerator module has a design throughput capacity of greater than or equal to 4,000 lb/hr (48 tons/day); and
- (2) The incinerator facility consists of multiple modules, having an aggregate design throughput of greater than or equal to 12,500 lb/hr (150 tons/day).

(c) The owner or operator of an incinerator meeting the requirements of (a) or (b), above, shall comply with the following HCl emission standards, based on a 3-run stack test using a method approved by the department:

- (1) Average emission level of 50 parts per million dry volume (ppm dv) at 7% oxygen (O<sub>2</sub>); or
- (2) 90% HCl removal efficiency, whichever is less stringent.

(d) The owner or operator of an incinerator burning solely type 7 waste shall be exempt from the HCl emission standards in (c), above.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201); ss by #8294, eff 2-26-05 (from Env-A 1904.05)

PART Env-A 1906 POSTING AND OPERATOR REQUIREMENTS

Env-A 1906.01 Name Plate and Instruction Posting Requirements.

(a) The owner or operator of an incinerator or wood waste burner shall install the manufacturer's name plate in a conspicuous place on the device, giving model number, rated capacity, and the types of waste for which the device is designed.

(b) The owner or operator of an incinerator or wood waste burner shall post detailed instructions for the operation of the device in a conspicuous place near the device.

Source. #8294, eff 2-26-05 (from Env-A 1905.01)

Env-A 1906.02 Trained and Competent Operator Required. The owner or operator of an incinerator or wood waste burner shall have an individual, trained and competent in the operation of the incinerator, in charge of the stationary source.

Source. #8294, eff 2-26-05 (from Env-A 1905.02)

# NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES

## Appendix

<b>Provision of the Proposed Rule</b>	<b>Specific State or Federal Statutes or Regulations which the Rule is Intended to Implement</b>
Env-A 1901.01 through 1904.01	RSA 125-C:4, I(a); RSA 125-C:6, II
Env-A 1904.02 (existing 1904.04 renumbered as 1904.02)	RSA 125-C:4, I(a); RSA 125-C:6, II
Env-A 1905.01 (existing 1904.05 renumbered as 1905.01)	RSA 125-C:4, I(a); RSA 125-C:6, II
Env-A 1906.01 and 1906.02 (existing 1905.01 and 1905.02 renumbered as 1906.01 and 1906.02)	RSA 125-C:4, I(a); RSA 125-C:6, II